

What is claimed is:

1. An apparatus for assisting the placing of an order for manufacturing a semiconductor device, comprising:

5 means for registering a maker group of interfaced makers, including:

means for organizing a maker group from makers of different categories to manufacture a semiconductor device in collaboration with one another;

10 means for confirming interfaces among the makers in the organized maker group, the interfaces serving to hand over materials among the makers to complete a semiconductor device; and

means for recording the interface-confirmed maker group; and

means for introducing maker groups of interfaced makers registered through the registering means, including:

15 means for retrieving maker groups that satisfy specifications set for a given semiconductor device.

2. The apparatus as in claim 1, wherein:

said registering means includes means for inviting makers.

20 3. The apparatus as in claim 1, wherein:

said introducing means includes means for selecting one of the retrieved maker groups as a maker group to which a manufacturing order is placed.

25 4. The apparatus as in claim 1, wherein:

said introducing means includes means for assisting specification determination.

5. The apparatus as in claim 1, wherein:

30 said introducing means includes means for scheduling delivery dates along which makers in one of the retrieved maker groups hand over materials to complete the given semiconductor device.

6. A program for assisting the placing of an order for manufacturing a semiconductor device, comprising:

registering a maker group of interfaced makers, including:

35 organizing a maker group from makers of different categories to manufacture a semiconductor device in collaboration with one another;

confirming interfaces among the makers in the organized maker group, the interfaces serving to hand over materials among the makers to complete a semiconductor device; and

recording the interface-confirmed maker group; and

5 introducing maker groups of interfaced makers registered through said registering, including:

retrieving maker groups that satisfy specifications set for a given semiconductor device.

10 7. The program as in claim 6, wherein:  
said registering includes inviting makers.

15 8. The program as in claim 6, wherein:  
said introducing includes selecting one of the retrieved maker groups as a maker group to which a manufacturing order is placed.

9. The program as in claim 6, wherein:  
said introducing includes assisting specification determination.

0 10. The program as in claim 6, wherein:  
said introducing includes scheduling delivery dates along which makers in one of the retrieved maker groups hand over materials to complete the given semiconductor device.

25 11. A data structure usable for assisting the placing of an order for manufacturing a semiconductor device, comprising:  
an area to store the names of makers; and  
an area related to said area to store the names of makers, to store categories in a one-to-one relationship with the makers.

30 12. The data structure as in claim 11, further comprising:  
an area related to said area to store the names of makers, to store features in a one-to-one relationship with the makers.

35 13. The data structure as in claim 12, wherein:  
the feature of each maker includes the manufacturing capability and accuracy of the maker.

14. The data structure as in claim 12, wherein:  
the feature of each maker includes the names of makers with which the maker in question desires to be interfaced and the names of makers with which the maker in question is already interfaced.

15. The data structure as in claim 12, wherein:  
the feature of each maker includes a turnaround time needed by the maker to manufacture a semiconductor device and a price charged by the maker to manufacture the semiconductor device.

16. A data structure usable for assisting the placing of an order for manufacturing a semiconductor device, comprising:  
an area to store categories of semiconductor device manufacture; and  
an area related to said area to store categories, to store the names of makers in a maker group that has manufactured a semiconductor device, in a one-to-one relationship with the categories.

17. The data structure as in claim 16, further comprising:  
an area related to said area to store the names of makers, to store manufacturing capability indexes of each maker in a one-to-one relationship with the names of makers.

18. The data structure as in claim 17, wherein:  
the manufacturing capability indexes of each maker include a turnaround time needed by the maker to manufacture a semiconductor device and a price charged by the maker to manufacture the semiconductor device.

19. A method of assisting the placing of an order for manufacturing a semiconductor device, comprising:  
registering a maker group of interfaced makers, including:  
organizing a maker group from makers of different categories to manufacture a semiconductor device in collaboration with one another;  
confirming interfaces among the makers in the organized maker group, the interfaces serving to hand over materials among the makers to complete a semiconductor device; and  
recording the interface-confirmed maker group; and

introducing maker groups of interfaced makers registered through the registering,  
including:

retrieving maker groups that satisfy specifications set for a given  
semiconductor device.

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20. The method as in claim 19, wherein:  
said registering a maker group includes inviting makers.

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21. The method as in claim 19, wherein:  
said introducing maker groups includes selecting one of the retrieved maker groups  
as a maker group to which a manufacturing order is placed.

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22. The method as in claim 19, wherein:  
said introducing maker groups includes assisting specification determination.

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23. The method as in claim 19, wherein:  
said introducing maker groups includes scheduling delivery dates along which  
makers in one of the retrieved maker groups hand over materials to complete the given  
semiconductor device.